

TEST METHODS For Construction Inspection

Aggregates

ITM 207	Sampling Aggregates
AASHTO T 255	Moisture Content of Aggregate by Drying

Hot Mix Asphalt

ITM 580	Sampling Hot Mix Asphalt
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Portland Cement Concrete

ITM 403	Water-Cementitious Ratio
AASHTO T 23	Making and Curing Concrete Test Specimens in the Field
AASHTO T 97	Flexural Strength of Concrete
AASHTO T 119	Slump of Hydraulic Cement Concrete
AASHTO T 121	Unit Mass (Weight) of Concrete
AASHTO T 141	Sampling Freshly Mixed Concrete
AASHTO T 152	Air Content of Freshly Mixed Concrete by the Pressure Method (Type B)
ASTM C 173	Air Content of Freshly Mixed Concrete by the Volumetric Method

Soils

ITM 506	Soil Field Moisture Content Determination
AASHTO T 191	Density of Soil In-Place by the Sand Cone Method
AASHTO T 217	Moisture in Soils by Means of Calcium Carbide Gas Pressure Moisture Tester
AASHTO T 272	Family of Curves One Point Method
AASHTO T 310	Density of Soil and Soil-Aggregate In-Place by Nuclear Methods

Miscellaneous

ITM 912	Profilographs
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TEST METHODS For Laboratory Testing

Aggregates

ITM 206	Scratch Hardness of Coarse Aggregate Particles
ITM 207	Sampling Aggregates
ITM 212	Leachate Determination for Blast Furnace Slag
AASHTO T 11	Materials Finer Than 75 μm (No. 200) Sieve in Mineral Aggregate by Washing
AASHTO T 27	Sieve Analysis of Fine and Coarse Aggregate
AASHTO T 112	Clay Lumps and Friable Particles
AASHTO T 248	Sample Reduction of Aggregates
AASHTO T 255	Moisture Content of Aggregate by Drying
ASTM D 5821	Fractured Particles in Coarse Aggregates

Asphalt

AASHTO T 40	Sampling Asphalt Materials
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Hot Mix Asphalt

ITM 571	Binder Content of Hot Mix Asphalt by the Extraction Method
ITM 572	Field Drying of Hot Mix Asphalt
ITM 580	Sampling Hot Mix Asphalt
ITM 586	Binder Content of Hot Mix Asphalt by the Ignition Method
ITM 587	Sample Reduction of Hot Mix Asphalt Samples
AASHTO T 30	Mechanical Analysis of Extracted Aggregate
AASHTO T 166	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens
AASHTO T 209	Maximum Specific Gravity of Hot Mix Asphalt
AASHTO T 275	Bulk Specific Gravity of Compacted Bituminous Mixtures using Paraffin-Coated Specimens
AASHTO T 305	Draindown Characteristics of Uncompacted Asphalt Mixtures
AASHTO T 312	Preparation of Hot Mix Asphalt Specimens by Means of the Superpave Gyratory Compactor
ASTM D 6752	Bulk Specific Gravity of Compacted Bituminous Mixtures Using Automated Vacuum Sealing Method

Portland Cement Concrete

ASTM C 495	Compressive Strength of Lightweight Insulating Concrete
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